Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1. (Currently Amended) A modular refrigeration system, comprising:
- a refrigeration device having a space configured for storage of products
- 3 therein;
- a cooling system providing a coolant to a primary cooling element
- 5 configured to provide cooling generally throughout cool the space;
- at least one <u>supplemental</u> modular cooling element configured for
- 7 placement at any one of a plurality of locations within the space and configured to
- receive the coolant to provide supplemental cooling at the location within the space so
- 9 that a temperature distribution profile of the products within the space can be
- 10 customized.
- 2. (Original) The modular refrigeration system of Claim 1 wherein the
- 2 refrigeration device is a temperature controlled case.
- 1 3. (Original) The modular refrigeration system of Claim 1 wherein the
- 2 coolant is a liquid coolant.
- 1 4. (Original) The modular refrigeration system of Claim 1 wherein the
- 2 coolant is a direct expansion refrigerant.
- 5. (Original) The modular refrigeration system of Claim 1 wherein the
- refrigeration device comprises a main heat exchanger and the modular cooling
- 3 element is configured to provide supplemental cooling at a predetermined location
- 4 within the space.

- (Original) The modular refrigeration system of Claim 1 further 1 6. comprising a piping system interfacing with the cooling system and the modular 2 cooling element and configured to circulate the coolant through the modular cooling 3 element. 4
- 7. (Original) The modular refrigeration system of Claim 1 wherein the modular cooling element is portable and configured for interchangeable installation at 2 one of the plurality of locations within the space. 3
- 8. (Original) The modular refrigeration system of Claim 1 wherein the 1 modular cooling element is coupled to a shelf. 2
- 9. (Original) The modular refrigeration system of Claim 1 wherein the 1 modular cooling element is coupled to an end panel. 2
- (Original) The modular refrigeration system of Claim 1 further 10. comprising a control system configured to regulate a flow of the coolant to the 2 modular cooling element. 3
- 11. (Currently Amended) The modular refrigeration system of Claim 6 1 1 wherein further comprising quick disconnects coupled to the piping system to permit 2 installation and removal of the modular cooling element is positioned so that the 3 temperature variation among the products is minimized.

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1	12.	(Currently Amended) A system for customizing a temperature
2	distribution profile within a space of a temperature controlled case for storage and	
3	display of food	l products refrigeration device, comprising:
4		a cooling system having a first heat exchanger in a substantially fixed
5	location and a	coolant configured to cool the space;
6		a second heat exchanger configured for selective placement at a desired
7	location within the space refrigeration device;	
8		a piping system configured to interface with the cooling system and the
9	second heat exchanger to provide a supply of coolant to the second heat exchanger;	
10	and	
11		a control system configured to regulate a flow of coolant through the
12	second heat exchanger.	
	13.	Cancelled.
1	13.	Cancened.
1	14.	(Currently Amended) The system of Claim 12 13 wherein the
2	temperature controlled case is an existing temperature controlled case and the second	
3	heat exchanger is configured for placement as a retrofit application.	
1	15.	(Currently Amended) The system of Claim 12 13 wherein the
1		
2	temperature controlled case is a new temperature controlled case and the second heat	
3	exchanger is configured for placement during construction of the new temperature controlled case.	
4	controlled case	··
1	16.	(Original) The system of Claim 12 wherein the first heat exchanger is
2	a main heat exchanger and the second heat exchanger is a modular cooling element.	
	17.	(Original). The system of Claim 16 system the modules as aline
1		(Original) The system of Claim 16 wherein the modular cooling ovably coupled to a surface within the space.
2	element is tem	ovably coupled to a surface within the space.
1	18.	(Original) The system of Claim 16 wherein the modular cooling
2	element is configured for placement at a predetermined location within the space to	
3	provide a source of supplemental cooling.	

- (Original) The system of Claim 18 wherein the predetermined location 19. . 1 is a shelf unit. 2 (Original) The system of Claim 18 wherein the predetermined location - '--20.-1 is an end panel. 2 (Original) The system of Claim 16 wherein the piping system includes 21. 1 at least one flow control device configured to regulate a flow of coolant to the 2 modular cooling element. 3 (Original) The system of Claim 16 wherein the modular cooling 22. 1 element is a fin-coil type heat exchanger. 2 (Original) The system of Claim 12 wherein the piping system further 23. 1 comprises at least one quick disconnect device configured to interconnect the piping 2 system and the second heat exchanger. 3 (Original) A temperature controlled case having a modular cooling 24. 1 system, comprising: 2 a cooling system providing a coolant and having a main cooling 3 element in a substantially fixed location and configured to receive the coolant and 4 provide cooling to a space within the temperature controlled case; 5 at least one supplemental cooling element configured to interface with 6 the cooling system and to receive a supply of the coolant; 7 wherein the supplemental cooling element is configured to be 8 selectively mounted at any one of a plurality of locations within the space so that a 9 variation of a temperature range within the space can be substantially minimized. 10 (Original) The temperature controlled case of Claim 24 wherein the 25. 1
 - 26. (Original) The temperature controlled case of Claim 24 wherein the supplemental cooling element is configured to mount on a panel member.

supplemental cooling element is configured to mount on a shelf unit.

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- (Original) The temperature controlled case of Claim 24 wherein the 27. 1 coolant is one of a liquid secondary coolant and a direct expansion refrigerant. 2
- (Original) The temperature controlled case of Claim 24 wherein the supplemental cooling element is configured for interchangeable installation at a 2 predetermined location. 3
- 29. (Original) The temperature controlled case of Claim 24 wherein the supplemental cooling element is configured to provide a localized source of cooling 2 within the space. 3
- 30. (Original) The temperature controlled case of Claim 24 wherein the supplemental cooling element is configured as a substantially flat panel. 2
- 31. (Original) The temperature controlled case of Claim 24 wherein the supplemental cooling element has a cooling capacity sufficient to minimize a 2 temperature variation within the space. 3
 - (Original) The temperature controlled case of Claim 24 wherein the 32. supplemental cooling element is reconfigurable to accommodate changes to the temperature controlled case.
- (Original) The temperature controlled case of Claim 24 further 33. comprising a supplemental warming element configured to receive a warmed supply 2 of the coolant.

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1	34.	(Original) A method of customizing a temperature distribution profile	
2	within a refrigeration device having a cooling system, comprising:		
3		determining a temperature distribution profile within the refrigeration	
4	device provided by the cooling system;		
5		identifying at least one location within the refrigeration device having a	
6	temperature above a desired temperature range;		
7		providing a modular cooling element configured for installation at the	
8	location; and		
9		interconnecting the modular cooling element with the cooling system.	
i	35.	(Original) The method of Claim 34 wherein the step of determining a	
2	temperature distribution profile comprises experimentation.		
1	36.	(Original) The method of Claim 34 wherein the modular cooling	
2	element is con	nfigured to provide localized cooling at the location.	
1	37.	(Original) The method of Claim 34 wherein the step of	
2	interconnectin	ng the modular cooling element with the cooling system comprises	
3.	providing a pi	ping system having at least one connection device.	
1	38.	(Original) The method of Claim 37 wherein the piping system further	
2	comprises at least one flow control device.		
1	39.	(Original) The method of Claim 34 wherein the modular cooling	
2	element is configured for interchangeable installation at one or more locations.		
1	40.	(Original) The method of Claim 34 wherein the modular cooling	
2	element is portable.		
1	41.	(Original) The method of Claim 34 wherein the refrigeration device is	
2	a temperature	controlled case.	

case is a new construction temperature controlled case.

(Original) The method of Claim 41 wherein the temperature controlled

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- 1 43. (Original) The method of Claim 34 wherein the step of determining a
- temperature distribution profile comprises monitoring a temperature of a plurality of
- 3 predetermined products intended for storage and display within the refrigeration
- 4 device.